

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                                  |   |                               |
|----------------------------------|---|-------------------------------|
| Application No.: 09/827,278      | : | Group Art Unit: 2627          |
|                                  | : |                               |
| Applicant: Beach                 | : | Examiner: Evans, Jefferson A. |
|                                  | : |                               |
| Filed: April 04, 2001            | : | Docket No.: SJO919990038US2   |
|                                  | : |                               |
| For: SPIN VALVE SENSOR WITH AN   | : | Date: November 14, 2007       |
| ANTIFERROMAGNETIC LAYER          | : |                               |
| <u>BETWEEN TWO PINNED LAYERS</u> | : |                               |

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT A**

Dear Sir:

In response to the Office Action of September 7, 2007, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Amendments to the Drawings** begin on page 8 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.

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